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ABSTRACT

A switch for establishing call sessions in a communication system including a packet network. The switch receives first packets including a source address from at least one communication link. The switch includes a shuffling unit operative to extract data from the first packets for generating second packets at least partly on a basis of the source address of the first packets, the second packets being released to the packet network. The switch also includes a switching unit for receiving third packets from the packet network, the switching unit being operative to perform switching of the third packets for establishing at least one communication session, such as a telephone call between two parties or a conference call between multiple parties. The switch is scalable to accommodate an increasing number of packets within the communication system, where these packets may be transporting data and/or voice signals.